

Product datasheet for **RG209447**

PRRG4 (NM_024081) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PRRG4 (NM_024081) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	PRRG4
Synonyms:	PRGP4; TMG4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG209447 representing NM_024081 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTACGTTCTGGTTCTACTCAGCCAACTGCCACAGTTACCCTGGGGTTTCCTCATTGCGCAAGAG
GTCCAAGGCTTCTAAGCATGCGGGAGAAGAAGTGTTCATCAAAGAAGAAGCAAACCTTTTTCATACA
TAGACGCCTTCTGTATAATAGATTTGATCTGGAGCTCTTCACTCCCGCAACCTAGAAAGAGAGTGAAT
GAAGAACCTTGAATTATGAGGAAGCCAGAGAGATTTTTGTGGATGAAGATAAAACGATTGCATTTTGGC
AGGAATATTCAGCTAAAGGACCAACCACAAAATCAGATGGCAACAGAGAGAAAATAGATGTTATGGCCT
TCTGACTGGATTAATTGCTGCTGGAGTATTTTTGGTTATTTTTGGATTACTTGGCTACTATCTTTGTATC
ACTAAGTGAATAGGCTACAACATCCATGCTCTTCAGCCGCTATGAAAGGGGGAGGCACACTCCCTCCA
TCATTTTCAGAAGACCTGAGGAGGCTGCCTTGTCTCCATTGCCGCTTCTGTGGAGGATGCAGGATTACC
TTCTTATGAACAGGCAGTGGCGCTGACCAGAAAACACAGTGTTCACCACCACCACATATCCTGGGCAC
ACAAAAGGATTTAGGGTATTTAAAAATCTATGTCTCTCCCATCTCAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_024081.6](#)

RefSeq Size: 2015 bp

RefSeq ORF: 681 bp

Locus ID: 79056

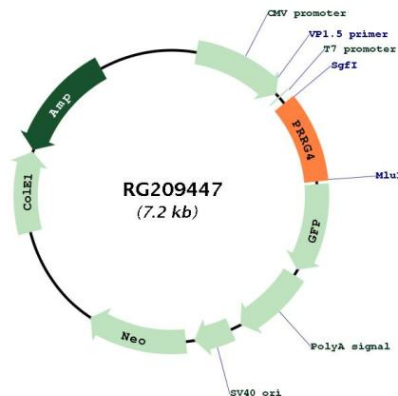
UniProt ID: [Q9BZD6](#)

Cytogenetics: 11p13

Protein Families: Transmembrane

Gene Summary: May control axon guidance across the CNS (PubMed:28859078). Prevents the delivery of ROBO1 at the cell surface and downregulates its expression (PubMed:28859078).
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG209447